

Claims

1. A central system wherein conditioned or heated air is supplied to a plurality of rooms to be air-conditioned through a common duct, the system comprising:

means for generating conditioned air or heated air and forcibly supplying the air to a plurality of rooms; and

a vent control mechanism, corresponding to a vent in each room, for controlling a flow of the conditioned air from the common duct into corresponding room;

a room remote controller, provided in each room, including a command signal to control the operation of the vent control

2. A system according to claim 1, wherein the system controller includes a mode selection function for selecting a heating or cooling mode.

3. A system according to claim 2, wherein the system controller also includes a target temperature set function.

4. A central air conditioning system wherein conditioned air is supplied to a plurality of rooms to be air-conditioned or heated:

air conditioning means, having a housing, for generating conditioned air and forcibly supplying the conditioned air;

variable vent control means, corresponding to each room, for controlling a flow of the conditioned air from the common duct into corresponding room;

a room remote controller, provided centrally including a command signal

pursuant to a pre-stored program to control the variable vent control means in each room so that a desired room temperature is set; and

a temperature detection mechanism in each room to be controlled wherein the actual room temperature of each corresponding room is detected.

5. A system according to claim 4, wherein the system controller includes a mode selection function wherein one of the heating and cooling modes is selected.

6. A system according to claim 5, wherein the system controller also includes a target temperature set system wherein a target temperature is set.

7. A system of claim 4, wherein the system controller includes a desired temperature determination system wherein a desired temperature of the air is determined based on the pre-set room temperature in each room.

8. The system of claim 4 wherein the system is controlled by wireless control.

9. A method of controlling the temperature of a room having an air conditioning or heating system, said method comprising the steps of:

- (a) setting a temperature setter of each respective room at a desired level;
- (b) selecting a predetermined temperature to maintain the room in accordance with the set desired level; and

- (c) automatically adjusting the vent duct of the room to maintain the temperature.

10. The method according to claim 9, wherein said open area of each of said vent is selectable between a fully opened position and a predetermined position between said fully opened position and a fully closed position.